

# Micro-Switch/5

## 5 Port 10/100Base-TX Fast Ethernet Switch

| PART NUMBER  | DESCRIPTION                                          |
|--------------|------------------------------------------------------|
| FEP-32005T-1 | Palm-sized 5 Port 10/100Base-TX Fast Ethernet Switch |

## Specifications

### Standard Compliance:

IEEE 802.3 10BASE-T Ethernet,  
IEEE 802.3u 100BASE-TX Fast Ethernet  
ANSI/IEEE standard 802.3 N-Way Auto-negotiation

### Protocol:

CSMA/CD

### Interface:

Five (5) RJ-45 Jacks with Auto MDI/MDIX crossover,

### Max Forwarding Rate:

14,880 pps Ethernet port

### Max Filtering Rate:

148,800 pps per Fast Ethernet port

### Buffer Memory:

1MB

### MAC Address Table:

1K-Entry

### LED Indicators:

Per Port: LNK/ACT, FDX/COL  
Per Unit: Power

### Cable distance:

100m Max. with Category 3, 4, 5, 5e UTP for 10Base-T  
100m Max. with Category 5/5e/6 UTP for 100Base-TX

### Dimensions:

4.37" (L) x 2.77" (W) x 0.76" (H) / 111mm x 70mm x 19mm

### Enclosure:

Metal

### Operating Temperature:

0°C to 45°C (32°F to 113°F)

### Operating Humidity:

10% to 90% (Non-condensing)

### Power Supply:

External power adapter 9V DC / 700mA

### EMI:

FCC Class B, CE Mark

### Safety:

UL, cUL



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# Micro-Switch/8

## 8 Port 10/100 Base-TX Fast Ethernet Switch

| PART NUMBER  | DESCRIPTION                                       |
|--------------|---------------------------------------------------|
| FEP-32008T-1 | Compact 8-Port 10/100Base-TX Fast Ethernet Switch |

## Specifications

### Standard Compliance:

IEEE 802.3 10BASE-T Ethernet,  
IEEE 802.3u 100BASE-TX Fast Ethernet  
ANSI/IEEE standard 802.3 N-Way Auto-negotiation

### Interface:

Eight (8) RJ-45 Jacks with Auto MDI/MDIX crossover

### Switching Method:

Store-and-Forward

### Forwarding Rate:

14,880pps for 10Mbps; 148,800pps for 100Mbps

### Buffer Memory:

512KB DRAM

### MAC Address Table:

2K-Entry

### Cable Distance:

100m Max. with Category 3, 4, 5, 5e UTP for 10Base-T  
100m Max. with Category 5, 5e, 6 UTP for 100Base-TX

### LED Indicators:

Per Port: Link/Activity, Full Duplex/Collision  
Per Unit: Power

### Dimensions:

6.5" (L) x 3.93" (W) x 0.98"(H)  
165mm x 100mm x 25mm

### Operating Temperature:

0°C to 45°C (32°F to 113°F)

### Operating Humidity:

10% to 90% (Non-condensing)

### Power Supply:

External power adapter 9V DC / 700mA

### Enclosure:

Metal

### EMI:

FCC part 15 class A, CE Mark

### Safety:

UL, cUL



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# Micro-Switch/16 & 24

## 16 and 24 Port 10/100 Base-TX Fast Ethernet Switches

| PART NUMBER | DESCRIPTION                                        |
|-------------|----------------------------------------------------|
| FEP-32016T  | 16 Port 10/100Base-TX Desktop Fast Ethernet Switch |
| FEP-32024T  | 24 Port 10/100Base-TX Desktop Fast Ethernet Switch |

## Specifications

### Standard Compliance:

IEEE 802.3 10Base-T Ethernet,  
IEEE 802.3u 100Base-TX Fast Ethernet  
IEEE802.3x Flow Control and Back-pressure  
IEEE ANSI/IEEE802.3 N-Way Auto-negotiation

### Interface:

Sixteen or twenty-four RJ-45 Jacks  
with Auto MDI/MDIX crossover

### Switching Method:

Store-and-Forward

### Forwarding Rate:

14,880pps for 10Mbps; 148,800pps for 100Mbps

### Buffer Memory:

1.25Mbits

### MAC Address Table:

4K Mac address table

### Back-plane:

4.8Gbps

### Cable Distance:

10Base-T: 2-pair UTP/STP Cat. 3/5e/6 cable, EIA/TIA-568  
100-ohm (up to 100m)  
100Base-TX: 2-pair UTP/STP Cat. 5e/6 cable, EIA/TIA-568  
100-ohm (up to 100m)

### LED Indicators:

Per Port: Link/Activity; Per Unit: Power

### Dimensions:

250mmx 133 mm x 37mm (L x W x H)  
9.85" x 4.45" x1.46"

### Operating Temperature:

0°C to 45°C (32°F to 113°F)

### Operating Humidity:

10% to 90% (Non-condensing)

### Power Supply:

Internal power supply, 100-240 VAC, 50~60Hz

### EMI:

FCC Class A, CE

### Safety:

CE/EN60950, UL, cUL



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